



MooLogger Presentation
ICAR Conference – May 2023
Manufacturer Showcase

PRODUCT PURPOSE



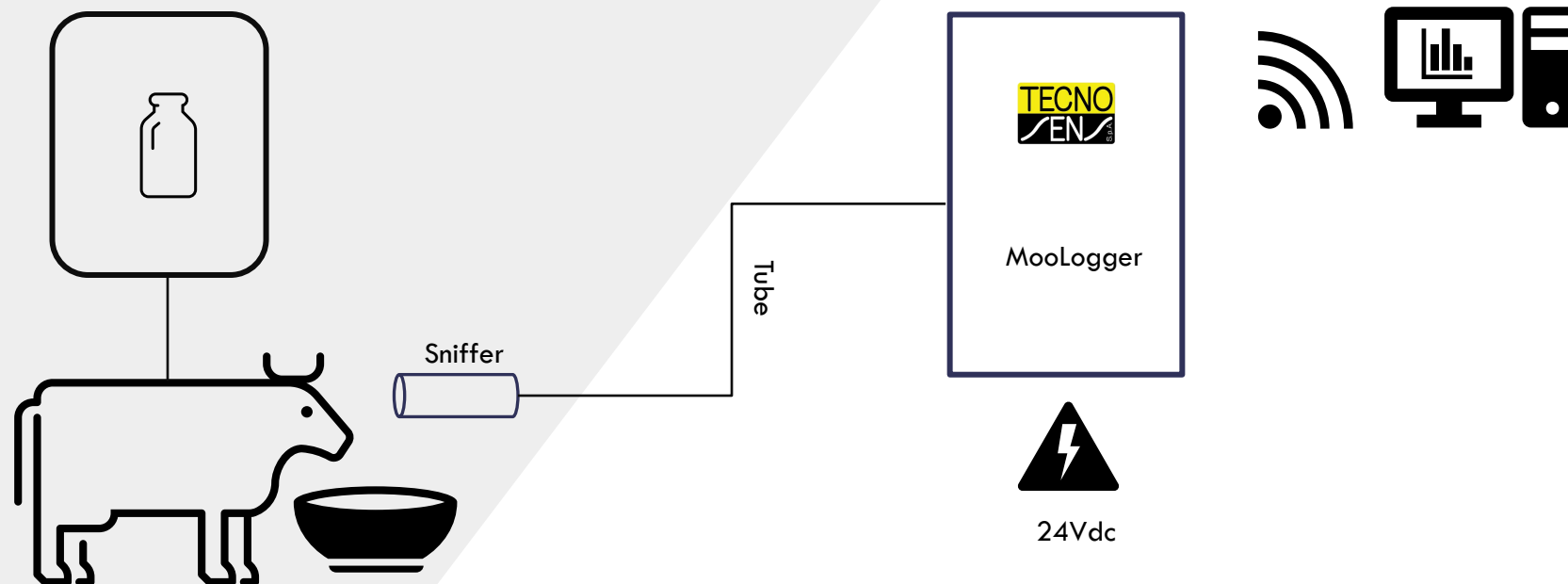
- Tecnosens MooLogger monitors **the breath of ruminants**, measuring methane (CH₄) and carbon dioxide (CO₂) and other optional data.
- The sniffer measures, displays, stores and exports **data** for subsequent analysis that can be implemented by the user to develop mathematical models
- MooLogger is usually installed near milking robots (it's easier to monitor the animal emissions)
- Data can be used to estimate the **amount of methane** produced daily on average by ruminants

PRODUCT FEATURES



- Tecnosens MooLogger detects gases in the following ranges: CH₄ 0-1%, CO₂ 0-5% (O₂ 0-25% as optional)
- Once installed, the device is **ready to be used**
- Response time is < 15s
- Set of integrated sensors for pneumatic self-diagnostic and improved measurement reliability
- **4G/LTE** connection
- It is possible to access remotely the **data monitoring**
- It is possible to **download data and measures** visualization through graphic interface

SCHEME OF INSTALLATION



DATA MONITORING



MooLogger Landing page



MooLogger Grafana MooStat web page

- Accessing the system through product IP, user will be automatically redirected to landing page of webserver
- Sensor's **data** can be seen through the web application Grafana

THANK YOU FOR YOUR
ATTENTION

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